National Judicial Academy

P-1348: National Seminar on Cyber Crime & Electronic Evidence
22nd – 23rd July, 2023

Programme Coordinator : Dr. Sumit Bhattacharya and Mr. Prasidh Raj Singh
No. of Participants : 45
No. of forms received : 44

I. OVERALL				
PROPOSITION	**To a great extent (%)**	**To some extent (%)**	**Not at all (%)**	**Remarks**
a. The objective of the programme was clear to me	**100.00**	**-**	**-**	17. Excellent. 20. Good.
b. The subject matter of the programme is useful and relevant to my work	**95.45**	**4.55**	**-**	17. It is very much useful to discharge our duties.
c. Overall, I got benefited from attending this programme	**88.37**	**11.63**	**-**	14. There should be further exposure in cyber laws. 17. Very useful programme gained more in respect of expert evidence & appreciation.
d. I will use the new learning, skills, ideas and knowledge in my work	**97.73**	**2.27**	**-**	-
e. Adequate time and opportunity was provided to participants to share experiences	**88.64**	**9.09**	**2.27**	17. Excellent.
II. KNOWLEDGE				
PROPOSITION	**To a great extent (%)**	**To some extent (%)**	**Not at all (%)**	**Remarks**
The programme provided knowledge (or provided links / references to knowledge) which is:				
a. Useful to my work	**97.73**	**2.27**	**-**	17. Very informative.
b. Comprehensive (relevant case laws, national laws, leading text / articles / comments by jurists)	**88.64**	**11.36**	**-**	17. Very informative.

PROPOSITION				Remarks
c. Up to date	93.02	6.98		17. Very informative.
d. Related to Constitutional Vision of Justice	72.73	27.27	-	17. Very informative.
e. Related to International Legal Norms	53.49	46.51	-	17. Very informative.

III. STRUCTURE OF THE PROGRAMME

PROPOSITION	Good (%)	Satisfactory (%)	Unsatisfactory (%)	Remarks
a. The structure and sequence of the programme was logical	97.73	2.27	-	1. However, course could have been organized for 3-4 days.
b. The programme was an adequate combination of the following methodologies viz.				
(i) Case studies were relevant	93.18	6.82	-	-
(ii) Interactive sessions were fruitful	93.02	6.98	-	-
(iii) Audio Visual Aids were beneficial	80.49	19.51	-	44. PPT by speakers were useful.

IV SESSIONS WISE VETTING

Parameters

Session	Discussions in individual sessions were effectively organized		The Session theme was adequately addressed by the Resource Persons	
	Effective and Useful (%)	Satisfactory (%)	Effective and Useful (%)	Satisfactory (%)
1	100.00	-	91.67	8.33
2	97.56	2.44	93.94	6.06
3	95.12	4.88	87.88	12.12
4	100.00	-	93.94	6.06
5	100.00	-	96.97	3.03

V. PROGRAMME MATERIALS

PROPOSITION	To a great extent (%)	To some extent (%)	Not at all (%)	Remarks
a. The Programme material is useful and relevant	97.73	2.27	-	10. Programme material is bulky but not indexed with hyper link. 17. Useful and updated.
b. The content was updated. It	95.45	4.55	-	17. Useful and updated.

reflected recent case laws/ current thinking/ research/ policy in the discussed area				
c. The content was organized and easy to follow	**90.91**	**9.09**	**-**	17. Useful and updated.

VIII.   GENERAL SUGGESTIONS

1.	Three most important learning achievements of this Programme	1. Gave an insight into emerging issue of cyber security in courts. Topics like dark web, hash value, cloud computing were dealt with in detail. Dry concept of Section 65-B was discussed in very interesting manner. Discussion on issue of expert witness will be very helpful while dealing with such cases in future.
		2. 1. Depth to which cyber-crime can go. 2. How to appreciate evidence in cases relating to cyber-crime. 3. Cyber security in court.
		3. Jurisdiction of court. Electronic Evidence. 65B Certificate.
		4. The dealing/appreciation of acceptance of electronic evidence within the parameters of the extant law whatever are have.
		5. 1. Changing my mindset and accepting the unavailable material /situation of electronic evidence in coming years. 2. Locating the specific areas where from to start acquainting with the concept.
		6. After going through the training now I would be able to understand the cyber-crime in a better way to advance justice.
		7. How to tackle electronic evidence & appreciate the evidence. I also learn the recent technological changes like Dark Web etc.
		8. 1. Got idea of dark web and hash value. 2. Got idea about jurisdictional aspects of cyber-crime. 3. Got idea about evaluation of expert evidence.
		9. Could get an overall idea about creation of hash value, dark web and cyber-attacks and cyber jurisdiction.
		10. Resource persons are most knowledgeable and expert.
		11. Got an idea of emerging problems on electronic evidence. Clarity to appreciate the electronic evidence. Understanding of reliability of electronic evidence.
		12. 1. More learning related to cyber-crimes. 2. New ideas for admissibility & appreciation of electronic evidence. 3. Programme improve my court working in justice delivery system.
		13. 1. Understanding the scope of Sec. 65B. 2. Useful in my court proceedings. 3. Helpful in appreciating such evidence and how to properly store it.
		14. 1. More exponents to cyber laws. 2. Doubts cleared with questioning. 3. Got opportunity to hear experience of stakeholders on cyber laws & electronic evidence.
		15. This programme be extended to each judicial officer via SJA of each State/UT. Learning the techniques imparted by the experts definitely shall help in the trials and conclusion of the cases.
		16. Such sessions should be organized at state judiciary level. Investigation enquiry should be given the expertise training. Preservation of electronic evidence be careful.
		17. Appreciation of e-evidence, Importance of certificate v/s 65-B of evidence Act.

	18. 1. Role of Chat GPT. 2. Jurisdictional issues. 3. Hash values.
	19. 1. Dark Web. 2. Chat GPT. 3. Jurisdiction of courts in cyber-crimes.
	21.1. Admissibility of electronic evidence and Sec. 65B of evidence Act. 2. Scientific & non-scientific expert testimony & it's admissibility. 3. Cyber security in court & strategies to prevent cyber-attacks.
	22. 1. Developed a comprehensive idea regarding cyber jurisdiction. 2. Understood importance of hash value creation in maintaining chain of custody of electronic evidence. 3. Had a clearer idea on 65B of Indian evidence Act. 1872.
	23. 1. Practical knowledge about what exactly the digital evidence. 2. It's use of investigation purposes. 3. Admissibility & appreciation of the electronic evidence.
	24. 1. How to issue certified copies of CD, Pen Drive etc. 2. How to get prove digital evidence. 3. How to mark the documents.
	25. Very much useful for day to day court work for appreciation of electronic evidence whenever produced.
	26. Dark web, virtual reality Section 65B of evidence Act.
	27. 1. Give information about Artificial Intelligence (AI). 2. How to use AI in cases daily working. 3. How to maintain court data.
	28. 1. Throw light on the latest cyber laws. 2. How to maintain court data. 3. How to use AI & other web in court working.
	29. Cyber security in personal life. 2. Cyber security in court. 3. Admissibility of electronic evidence U/s 65B of Indian evidence Act.
	30. 1. The programme helped to delve deep into innate particulars of the law. 2. The practical demonstration of applicability of law. 3. The programme was interactive and in formulating with adequate and informative.
	31. Hash value.
	32. 1. Jurisdictional issues in adjudication of cyber-crimes. 2. Liabilities of intermediation and 3. Contour of Section 65B.
	33. 1. The importance of knowledge about the cyber technology to deal with the cases which involve electronic evidence and to appreciate the same in proper manner.
	34. Marking of an electronic document preserving the electronic document during pending requirement of Sec. 65B certificate.
	35. Emerging trends in cyber-crimes. Jurisdictional issues. Contours of Section 65B.
	36. Effective & useful to regular work.
	37. Various topics like electronic evidence and expert witness will help in our day to day working.
	38. 1. We cannot sleep, we have to answer this awakening technology. 2. Indeed we need to have expertise of the very subject "Cyber Crimes". 3. Judges ought to be expert of expertise in terms of electronic evidence.
	39. Various topics like electronic evidence very useful.
	40. 1. Practical aspects up to date are thoroughly discussed. 2. Dissemination of knowledge in new cyber-crime was excellent. 3. Resource persons were very much knowledgeable.
	41. I got knowledge about the cyber technology cloud computing, hash value and dark web, chat GPT. I got knowledge about the liability of intermediation. I got knowledge regarding cyber jurisdiction.

		42. Very useful to deal the practical problems related to electronic evidence (admissibility etc.).
		43. 1. Jurisdiction issues related to cyber-crime. 2. Cyber-attacks. 3. Appreciation of electronic evidence.
		44. 1. Gave new content to see electronic evidence. 2. Know about many tools presently in evidence which will help in our day to day working. 3. Will help in appreciation of digital & electronic evidence.
2.	Which part of the Programme did you find most useful and why	1. Emphasis laid on participation of participating officers. Resource persons dealt the concepts in elaborative manner.
		2. *Session 4: Admissibility and Appreciation of Electronic Evidence* and *Session 5: Scientific Evidence and Expert Testimony* – became there are relating to my daily court work.
		3. *Session 1: Cybercrime – Emerging Trends, Modus & Threats* and *Session 2: Jurisdictional Issues in Adjudication of Cybercrime* – Anticipated future cyber-crime.
		4. Every part was useful.
		5. *Session 2: Jurisdictional Issues in Adjudication of Cybercrime*, *Session 4: Admissibility and Appreciation of Electronic Evidence* and *Session 5: Scientific Evidence and Expert Testimony.*
		6. All the sessions are very useful and knowledgeable in as much of making me to understand the electronic evidence.
		7. All sessions were very useful. In all of them 5th session of Hon'ble Mr. Justice Joshi Sir & Hon'ble Justice Gupta mam is very-very useful form me.
		8. *Session 1: Cybercrime – Emerging Trends, Modus & Threats* and *Session 2: Jurisdictional Issues in Adjudication of Cybercrime.*
		9. *Session 1: Cybercrime – Emerging Trends, Modus & Threats; Session 2: Jurisdictional Issues in Adjudication of Cybercrime* and *Session 3: Safeguarding Judicial Institutions from Cyber-Attacks: Cyber Security and Data Protection* – As it related to cyber-crime cases jurisdictional aspects and cyber-attacks.
		10. Actually whole sessions to useful but session 1 & 3 is most useful as it highlights the future virtual world.
		11. *Session 1: Cybercrime – Emerging Trends, Modus & Threats; Session 2: Jurisdictional Issues in Adjudication of Cybercrime* and *Session 3: Safeguarding Judicial Institutions from Cyber-Attacks: Cyber Security and Data Protection*
		13. All of them. But-*Session 4: Admissibility and Appreciation of Electronic Evidence and Session 5: Scientific Evidence and Expert Testimony*- Use more useful.
		14. Cyber-crime & electronic evidence.
		15. Each part of the programme was useful especially the session 4th and 5th was most useful.
		16. *Session 2: Jurisdictional Issues in Adjudication of Cybercrime and Session 3: Safeguarding Judicial Institutions from Cyber-Attacks: Cyber Security and Data Protection and Session 5: Scientific Evidence and Expert Testimony.*
		17. Admissibility & e-evidence and experts.
		18. Authenticity and admissibility of electronic records very useful.
		19. Chat GPT, as it would make the judges capable of delivering good and error free judgements.

	20. Electronic evidence.
	21. **Session 4:** *Admissibility and Appreciation of Electronic Evidence and* **Session 5:** *Scientific Evidence and Expert Testimony-* Were most useful because we get to know the practical applicability electronic evidence and expert witness.
	22. The interactive session in confidant under Sec. 65B of Indian evidence Act. and probative value of evidence of cyber experts.
	23. All the sessions on day II. As it dealt with day to day workings/problems faced by the court.
	24. Jurisdiction & Hash value.
	25. Types of cyber-crimes. Ransom ware and Zero day attack and hackers. There may be possibilities for tampering electronic evidence.
	26. Expert witnesses. Admissibility of expert testimony.
	27. Hon'ble Justice Raja Vijayaraghavan threw light on the latest AI tools that was very useful.
	28. Hon'ble Justice Raja Vijayaraghavan lecture was very useful.
	29. All part of programme is very useful & effective because resource person is expert in cyber law.
	30. The interactive session of the programmes.
	31. The topics which were taken up on the first day were the most useful & their implications in the near future were well explained.
	32. **Session 2:** *Jurisdictional Issues in Adjudication of Cybercrime* – Cleared doubts regarding jurisdiction issues. **Session 3:** *Safeguarding Judicial Institutions from Cyber-Attacks: Cyber Security and Data Protection* – got awareness about cyber security in courts and strategies to present & regard cyber-attacks.
	33. The way first session which throws light on the basics is very much useful, equally sessions II, particularly the discussion with respect to jurisdiction aspects is very good, which make us to understand the things lucidly. Finally the session by Hon'ble Mr. Justice C.M. Joshi also good.
	34. **Session 4:** *Admissibility and Appreciation of Electronic Evidence and* **Session 5:** *Scientific Evidence and Expert Testimony.*
	35. **Session 1:** *Cybercrime – Emerging Trends, Modus & Threats;* **Session 2:** *Jurisdictional Issues in Adjudication of Cybercrime and* **Session 4:** *Admissibility and Appreciation of Electronic Evidence.*
	36. **Session 1:** *Cybercrime – Emerging Trends, Modus & Threats;* **Session 2:** *Jurisdictional Issues in Adjudication of Cybercrime-* We know cyber-crime.
	37. Electronic evidence (appreciation & Admissibility of electronic evidence).
	38. Compilation of study material in a Pen drive before hand for batter understanding and presentation by the Hon'ble Resource persons indeed was captivating and enlightening.
	39. Electronic evidence. Admissibility of expert testimony.
	40. The jurisdictional issues in adjudication of cybercrime as the same was thoroughly discussed as jurisdiction was not addressed by the legislation.
	41. **Session 1:** *Cybercrime – Emerging Trends, Modus & Threats.* **Session 3:** *Safeguarding Judicial Institutions from Cyber-Attacks: Cyber Security and Data Protection* – are most useful because I got knowledge regarding cloud computing, hash values dark web and chat GPT. I also got knowledge about the cyber jurisdiction, national, transnational and International.

		42. Interactive session (which was included with visuals).
		43. Admissibility and appreciation of electronic evidence. It is very useful in our judicial work.
		44. Interactive session all the same clarified the doubts & gave better picture of things.
3.	Does the programme need further modulations or change	1. Programme has been meticulously planned & needs no change except the fact that it can be made for 3-4 days.
		5. It is reasonably exhaustive & the coverage in good vis-à-vis the training period of two days.
		6. Sometime has to be provided for open ended debate on the related topics.
		7. One or two sessions may be added to learn practically how can the evidence be collected for this one or two sessions of computer technology expert may be added.
		9. The present programme is very effective.
		12. Session organized with practical aspects & problem facing in regular court working.
		13. Some experts e.g I.Os or Scientific officers can be called or resource persons.
		14. Cyber experts from forensic field may be invited.
		15. Yes; Practical experience should be added in the programme.
		23. More time can be allotted for handling/preserving & tendering of digital evidence before the trial court.
		24. Yes. One/two days are insufficient make one expert.
		25. Very much updated information.
		31. The topics taken up on first day could have been extended for the second day also as it is relatively new & not very easy to understand in the first chance.
		32. Duration of programme may be extended to five days keeping in view of importance of subject.
		34. Further modulations may not be required.
		35. Duration may be extended.
		36. Need more visual aids.
		37. Yes. There should be some resource persons from the forensic science experts also.
		38. The programme could be modified to extend that forensic experts. Ethical hackers and live examples from different courts be practically dealt with the terms of electronic evidences.
		39. Yes, there should be same resource person from the forensic science experts also.
		41. There is no need for further modulations change.
		42. Yes, Updation & progressive to deal the problems which may arises before the court.
		43. 1. Yes, time to be extended. 2. Experts from FSL.
		44. Could be for longer period. More learning is required with discussion for better appreciation of the digital & electronic evidence.

4. Kindly make any suggestions you may have on how NJA may serve you better and make its programmes more effective	1. Training programmes should be organized for at least 3-4 days. Quality of food can be made better. Transport facility should be provided to visit nearby places of interest.
	3. Cyber specialty classes who can deal only with computer machine.
	4. The programme was structured well.
	5. Keeping in view the depth & profound nature of the topics covered the length of the training period may be increased from 2 days to, maybe, 5-6 days. One entire days allotted to each of the sessions.
	6. Some reading material should have been provided in the room in physical form.
	7. I am fully satisfied with the programme. I think that there is no need for anything.
	8. I am greatly thankful to NJA for granting me a great opportunity to take part in a well-organized and informative programme. Arranging more programmes on new subjects so as to equip the judicial officers and staff will be beneficial.
	9. I am extremely thankful to NJA for preparing a very useful material on the topic.
	10. Programme should be for more time (two days).
	11. NJA has done excellent job.
	14. Programme on bail on NDPS cases.
	23. If any updation or any other programme on the same subject with other changes is proposed by NJA, our Hon'ble High Court may be requested to send us to NJA again for updating ourselves.
	24. It is my humble request to assist/help an officer who has to attend the NJA on short notice in making tickets confirm so that he may not face any problem.
	25. Power point presentation and visual presentation. Easy way to understanding.
	30. More such programmes and focus on specialized training.
	31. May be the assistance of our IT personnel could be taken to explain the topics of first day. Get to know the topics through legal perspective.
	32. Kindly arrange more such programmes.
	34. It will be very useful if the sessions are recorded and provided to the judicial officers across the country. If possible, online sessions may be provided to the judicial officers.
	38. Duration of training programmes to be at least 5 days so that there could be interactive – introductory sessions with all participants and respected faculty of the Academy. Check in – check out timings for training programme at Guest Hostel be mentioned prior. Group discussion can be conducted and evaluation be made of training programme.
	41. More programmes should be arranged regarding cyber-crime.
	42. 1. To make more sessions. 2. More focus on practical aspect. 3. To make more frequency of training sessions.
	43. All things are very good.
	44. NJA has organized the programme well. I have enjoyed & had great learning experience. No suggestion. Thanks a lot to the NJA.